GE
Lighting Solutions

Industrial Lighting

Duraglow™ 1000 (DG6)

imagination at work

Product Features

GE Indoor Lighting luminaires are designed to produce optimum illumination from the lamp, optical system and ballast, while providing specific light patterns for specific applications. These reliable systems help to improve safety and energy savings, while enhancing productivity and efficiency, to put your industrial workplace in the best possible light.

Applications

- For over 30 ft. (9 meter) applications in factories, foundries, machine shops, and other industrial environments

Housing

- Symmetrical heavy-duty die-cast aluminum ballast housing

Finish

- Polyester powder gray or white paint finish

Ratings

- Listed to Canadian standards and codes
- 1598 Listed Suitable for Damp Locations

Mounting

- Threaded slide-in mounting adapter for easy mounting
- Single casting integral hook/loop and mounting plate is available

Reflectors

- ALGLAS® finish on faceted reflector

Unique Features

- Open, ventilated optical assembly
- Unique optical sliding disconnect
- 55° C ambient standard
- In-line EZ Connect™ plugin adapter port allows for:
  - hook/loop, cord & NEMA plug
  - plug-in modular wiring systems
  - plug-in fuse kits
- Adjustable mogul base socket -E39 standard
- Safety chain provisions
- Shipped as components: Ballast, Optical
- Magnapack available for ballast
- Pulse start system for metal halide available

Ordering Number Logic

Duraglow™ 1000 (DG6)

DG6 ___ - _ - __ - _ - _ - _ - _ - __ - __ - __ - _

PROD. ID	COLOR	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	OPTICAL CODE	PHOTOMETRY CODE	MOUNTING CODE	OPTIONS
DG6 = Duraglow 1000 Luminaire	**G** = Gray **W** = White	**40** = 400 **75** = 750 **01** = 1000	**E** = Energy Act Compliant Pulse MH (EPMH) **M** = MH **P** = Pulse Start MH **Note:** Lamp is vertical base up. Lamp not included.	**60 Hz** **0** = 120/208/240/277 MULTIVOLT **1** = 120 **2** = 208 **3** = 240 **4** = 277 **5** = 480 **D** = 347 **F** = 120X347 **T** = 220 **50Hz** **6** = 220 **R** = 230 **Y** = 240 **G** = 380	See Ballast Selection Table **A** = Autoreg **D** = Systems 3 Bilevel Autoreg **G** = CANADIAN Mag-Reg (Grounded Socket Shell) **H** = HPF Reactor or Lag **M** = Mag-Reg	**V7** = Open and ventilated 17 in. Reflector **V2** = Open and ventilated 22-in. Reflector	**XX** = Select Code Below	**11** = Pendant mounting **12** = Pendant mounting for 1000w HPS Multivolt (Not available with EZ Connect 9-pin plug) **13** = Provision for Slide-on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed Capability Only) Separately. **14** = Provision for Slide-on Primary Electrical Disconnect. Order PED Box (Pendant and Thru Feed Capability) Separately **15** = Prewire with EZ-Loop, Cord and Plug Part of "Power Hook". Order Receptacle/Hook Box Separately. (Not CSA/CUL) **31** = Prewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug **33** = Prewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug (Order locking receptacle hook box separately.) **MODULAR PREWIRE** **41** = ACS with 3-ft (0.9 meter) cord & EZ-Hook **69** = ACS with 6-ft (1.8 meter) cord & EZ-Hook **43** = ACS with 3-ft (0.9 meter) cord & EZ-Loop **70** = ACS with 6-ft (1.8 meter) cord & EZ-Loop **PLUG-N-GO** **51** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Hook **71** = Plug-N-Go with 6 ft. (1.8meter) Cord & Hook **53** = Plug-N-Go with 3 ft. (0.9 meter) Cord & Loop **72** = Plug-N-Go with 6 ft. (1.8 meter) Cord & Loop **Note: ACS** = Flex 3+ **Plug-N-Go** = FSC Series	**A** = 65°C maximum ambient **B** = Time Delay Automatically Switched Quartz **F** = Fusing *(Not available with D or W option)** **G** = Seconday Wiring Access 7/8 in. dia. knockout *(Not available with D or W option)* **K** = Encapsulated Ballast **Q** = Non-Time Delay Automatically Switched Quartz **R** = Non-Switched Quartz. **S** = Exclusionary mogul base socket for MH open fixtures **T** = E40 / European Mogul Base Socket *Not available with multivolt

Photometric Selection Table

V7 OPTICAL - Open & Ventilated 17 in. ReflectorMH, requires "S" Option EX39 base socket

Light Wattage	Spacing Source	Socket Criteria	Photometric Position	Optical Curve	Photometry Code	Code
400	EPMH	1.1	11	174980	V7	EX
400	EPMH	1.3	9	174981	V7	EU
400	EPMH	1.6	5	177098	V7	EQ
400	HPS	1.0	5	174984	V7	EQ
400	HPS	1.4	3	174985	V7	EO

V2 OPTICAL - Open & Ventilated 22 in. ReflectorMH, requires "S" Option EX39 base socket

Wattage	Light Source	Spacing Criteria	Socket Position	Photometric Curve	Optical Code	Photometry Code
400	EPMH	0.7	7	174978	V2	ES
750	P	0.8	7	451975	V2	ES
750	P	1.0	L	451978	V2	EL
750	P	1.4	G	451977	V2	EG
1000*	MH	1.0	11	174988	V2	EX
1000*	MH	1.5	7	174989	V2	ES
1000*	MH (Coated)	1.1	11	175576	V2	EX
1000*	MH (Coated)	1.4	7	175583	V2	ES
400	HPS	0.7	2	174982	V2	EN
750	HPS	0.9	9	178152	V2	EU
750	HPS	1.3	3	178155	V2	EO
1000	HPS	1.1	7	175274	V2	ES

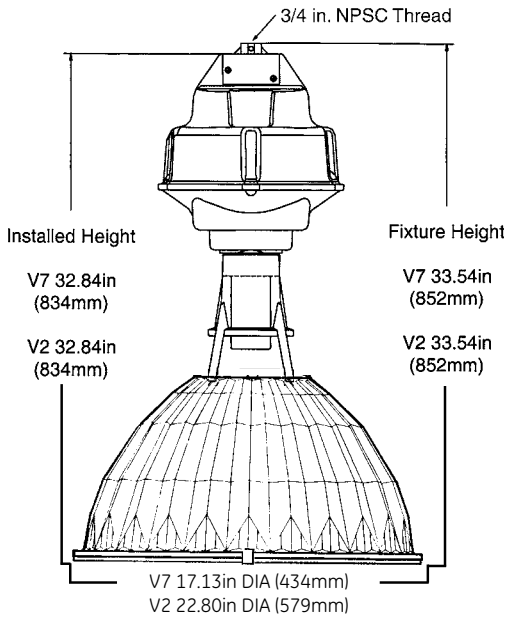
***Note:** When using 1000 W (PMH) Pulse Metal Halide BT37 lamp, use 400W MH socket positions as listed.

Exclusionary base socket is available for use with Metal Halide lamps in open fixtures to comply with NEC 2005 regulations (GELS "S" Option). Customer should consult or review local electrical codes for compliance.

Product Dimensions

DIMENSIONS

- When optical assembly contains a quartz socket (switched or non-switched), an additional 1.125 inches (29mm) must be added to the overall height due to double stack disconnect.
- 750 and 1000 watt with "A", 65C Ambient Option, add 2.50 inches to overall height.



Ballast Selection Table

		Ballast Type / Voltage 60HZ					50HZ			
Wattage	Light Source	Multivolt	120, 208 240, 277 480	347	120 x 347	220	220	230	240	380
400	HPS	A	A,D,G,M	A,D,G	A,G	A,H	A,H,M	A,H,M	A,H,M	M
750	HPS	N/A	A,D*	A,D*	N/A	N/A	N/A	N/A	N/A	N/A
1000	HPS**	A	A	A	N/A	A	N/A	N/A	N/A	N/A
400	MH	A	A,D	A,D	A	A	A	A	A	N/A
1000	MH	A	A***,D	A,D	N/A	A	A	A	A	A
PULSE START METAL HALIDE LIGHT SOURCE BALLAST SELECTION TABLE										
400	EPMH	A	A	A	N/A	N/A	N/A	N/A	N/A	N/A
750	P (MH)	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available
* Automatic Switch Quartz Option not available with Bilevel
**1000 watt HPS Multivolt not available with EZ Connect 9-pin plug. Order only with special mounting code 12.
***120, 208 and 240 volt available as Multivolt only.

CANADIAN NOTES:
1. "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
2. 1000 Watt Metal Halide and HPS available 120, 277 or 347 volt Autoreg only.
3. 208, 240, and 480 volts require CWI ballast. Use "G" when available. Contact factory for all others.
4. Multivolt not available.

DATA

- Approximate Net Weight: Ballast and Optical 39-51 lbs (18-23) kgs)

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